



CONFIGURATION MANAGEMENT WORKING GROUP MAWG BRIEF

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SEA 04L52
4 MAR 2003

22 October 02 MAWG

~~Recap~~

- CM Working Group
 - 3 Action Items Closed
(Validation/Audits, CM Metrics and ERP updates (FLSIC))
 - 3 Open Action Items
 - AI 18JUL02-05 (COTS)
 - AI 18JUL02-01 (NETC 3M/CM Training)
 - AI 18JUL02-04 (SYSCOMs holding CDMs/ISEAs accountable)

AI 18JUL02-05

~~Background~~

- Maritime Allowance Working Group (MAWG) - Fleet Issues
 - CM Subcommittee
 - COTS System/Equipment Supportability Action **AI 18JUL02-05** -Identify COTS Systems lacking adequate allowance products (i.e. APL, COSAL, Parts, budgets, etc...)
 - NAVSEA COTS Steering Board id'd as resource to address systemic issues/trends

Fleet Issue

- Lack of COTS Training/Education in Fleet
- GOAL: Ensure Fleet understands the nature of COTS (expectations at shipboard level)
 - COTS Policy/Procedures
 - Maintenance philosophy
 - ILS Documentation
 - Communication at delivery
- RECOMMENDED SOLUTION:
 - CNET-Available COTS Training for Fleet
 - Extend invitation for Fleet participation at CSB hosted COTS Workshops

Fleet Issue

- COTS Technology changes
 - Configuration Changes-APL not updated to reflect changes
 - ILS Certification Sheets do not match products delivered
 - Incorrect or Incomplete ILS products=Readiness/Financial Impacts
- GOAL: Ensure ILS Products and Documentation support Installed Configuration
- RECOMMENDED SOLUTION: Ensure Navy process to capture changing configuration includes COTS and associated ILS

Things to Consider

- Create awareness-Improve Communication at waterfront
 - COTS install-what Fleet should/should not expect to get to support equipment
- Based on Fleet input, revisit COTS policy and handbook
- Need CSB support to work Fleet COTS issues
- Fleet provided COTS examples will be staffed to applicable Program Office for resolution
 - *How well are we doing business in communication between Fleet and respective Program Offices?*

CSB Meeting Nov 02

Results

- Recognized need for COTS education across SYSCOMs and across Fleet
 - CSB encourages Fleet participation
- COTS Team (SEA 04L52 Lead)
 - Determine methodology for data collection
 - ***How big is BIG?***
 - Specific examples of COTS equipment with logistics support issues (RMMCO, TYCOM)
 - Root cause (CM/provisioning issue, education, policy, etc...)

Bottom Line

COTS challenges

- No simple answer
- Acquisition Reform promoted COTS use
- Multiple variables in managing COTS
- COTS C4I has 18 month technology refresh timeframe
- Acceleration of alterations/installations
 - **“ILS Waiver” process requires more discipline**
- FMP...Deltas in baseline after D-24

Working Group focus

- *Determine how big is BIG?*
- *Investigate standard mechanism to track changing COTS configuration/associated logistics products*
- *Ensure BPR for ERP migration addresses COTS issues*

Follow-up CSB Meeting

- CSB held 29 Jan 03
 - Maintain COTS visibility via MAWG and FLSIC
 - CSB concurred with method for COTS Supportability analysis
 - Today solicit MAWG concurrence on methodology
 - Report '*how big is Big?*' results to CSB
- SOLE/Crane co-sponsored COTS Workshop held 19-21 Feb 03 (presentations are available on COTS website)
 - <https://cots.navsea.navy.mil>

Anchor Desk at www.anchordesk.navy.mil

COTS Supportability

Analysis

Task: To determine if alteration installs with COTS are accomplished without requisite ILS products and to determine the magnitude of the deficiency

Roles/Source

- Management (CDR Tim Wilkins)
- Task Lead (Ed Chergoski, Jane Zimmerman)
- Data Extracts (Jodie Baker)
- Detailed Research (Andy Ogletree, LT Rozzell, Jodie Baker)
- Primary Source of Data: NDE
 - Avail schedules
 - Planned alteration installs
 - COTS within alt package
 - Deficient COTS ILS/Waivers

Analysis Steps

- Extract ship availabilities CY 2002
 - Norfolk VA
 - Pearl Harbor HI
 - San Diego CA
- Purge avails with completion date >31 DEC 02 and avails listed multiple times
- Extract all alterations accomplished during CY 2002
 - Software excluded
 - MACHALTs excluded
 - 3000-series ORDALTs excluded (AEGIS Software with no-COTS)

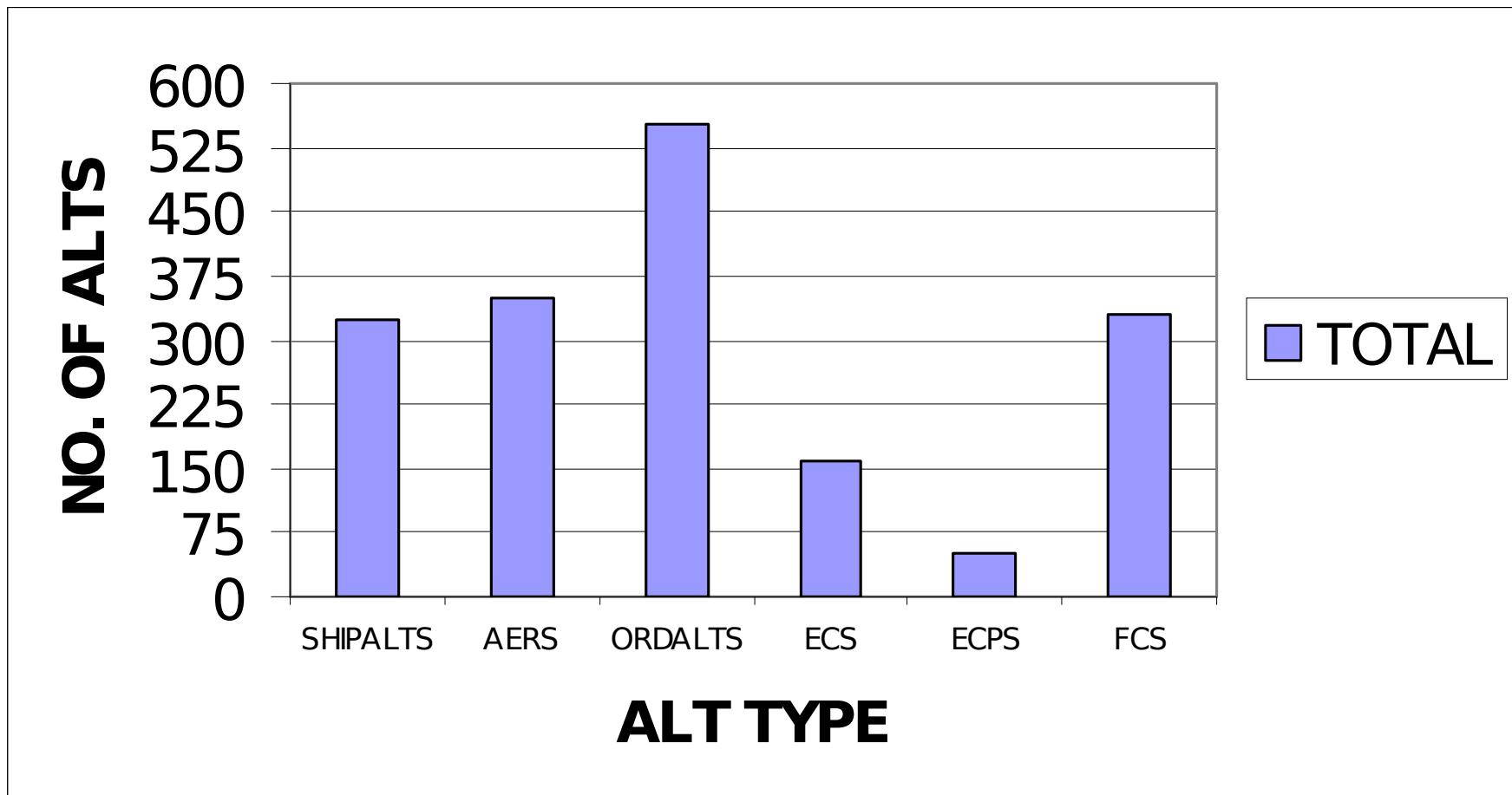
Analysis Steps (Cont.)

- Compare Availability and Alt reports for ships scheduled for availabilities
- Determine % of alts containing COTS
 - Determine if accomplished Alts containing COTS were ILS certified or waived
- For alts containing COTS, research NSA EOA Reports and RMMCO EOI Reports to ID ILS product deficiencies (% of alts containing COTS with problems)
- Based on findings, determine scope of COTS problem and perform trend analysis

COTS Supportability Analysis Status (as of 27 Feb 03)

- Identified 973 scheduled Availabilities ending in CY 2002
 - Pearl Harbor (23)
 - San Diego (367)
 - Norfolk (583)
- Identified all CY 2002 scheduled alterations in three geographical locations
 - SHIPALTs=324 (includes K-Alts and D-Alts)
 - AERs=350
 - ORDALTs=551 (excludes 3000-series)
 - ECs=158
 - ECPs=50
 - FCs=331

COTS Supportability Analysis Baseline



COTS Supportability Analysis Status (as of 27 Feb 03)

- SHIPALTs=324
 - Of 324, 80 are Ordnance/Electronics
 - 244 were non-Ordnance/Electronics
 - Of the 80, 23 are non-COTS
 - 57 SHIPALT's remain for analysis
- AERs=350
 - Of 350, 54 are Ordnance/Electronics
 - 296 were non-Ordnance/Electronics
 - Of the 54, 54 remain for analysis

COTS Supportability Analysis Status (as of 27 Feb 03)

- ECs=158
 - Of 158, 124 are Ordnance/Electronics
 - 34 were non-Ordnance/Electronics
 - Of the 124 Ordnance/Electronics, 30 are non-COTS
 - 94 EC's remain for analysis
- ECPS=50
 - Of 50, 4 are Ordnance/Electronics
 - 46 are non-Ordnance/Electronics
 - Of the 4 Ordnance/Electronics, 3 are non-COTS
 - 1 ECP remains for analysis

COTS Supportability Analysis Status (as of 27 Feb 03)

- FCs=331
 - Of 331, 302 are Ordnance/Electronics
 - 29 were non-Ordnance/Electronics
 - Of the 302 Ordnance/Electronics, 51 are non-COTS
 - 251 EC's remain for analysis
- ORDALTs=551 (excludes 3000 series)
 - Of 551, All ORDALTs are Ordnance/Electronics
 - Of 409 Reviewed, 8 are COTS
 - All 8 are 100% ILS Supported
 - 142 ORDALTs remain for analysis

AI 18JUL02-01

- Action: *SEA 04L work with NETC/Fleet to promote Sr Enlisted CM/3M training.*
- Action Item Lead: SEA 04L5, Bill Ferguson/Dale Hirschman (CFFC N43)
 - Pat Metheny (CSL), CDR Mike Johnson (CO-ILO), Del Donovan (CNAL), Linda Durham (SEA 04L533)
- Status:
 - **SEA 04L5 CM Instructor at NSCS Athens, GA (CM process flow training including 4790CK development and ASI processing)**
 - **Script written for ASI processing CBT**
 - TYCOM/FTC provided feedback...changes incorporated
 - **SEA 04L5 funds direct Fleet support reps to provide CM training to Sr Enlisted at waterfront**
 - **3M Manual currently under re-write by SEA 04R**
 - Ready for signature once CFFC concurrence received
 - **3MC training with specific sailor tasks for FTC/NETC pilot held Feb 03 (Course covers SCLISIS process, CM reporting, Database reconciliation, etc)**
 - Pilot successful with participation from CNSL, CNAL, CSL and ATG
 - CFFC (MMC Schwartz) estimates final 3MC Training Course-April 03

Recommend close Action Item

New Action AI 30SEPT02-01, 02

~~(resulting from AI 18JUL02 01)~~

- Action: *Investigate whether 3MC reference manual exists, and if not, pursue development of critical information reference handbook for 3MCs onboard. Afloat curriculum training must include critical paths for 3-M process in quick easy reference manual for sailors to have once they complete ashore training. (AI 30SEPT02-01)*
- Status: **Per CFFC, Bill Ferguson, 3MC ref manual will be fleet defined and generated (Closed Action)**

AI 18JUL02-01 Update (since 22 October ~~MAWG~~)

- Action: *Investigate with SEA 04L2 whether any CM/3MC Training for the PXO, PCO pipeline exists today, and if not, establish plan for curriculum development.* (AI 30SEPT02-02)
- **Status: CNSL sponsored “Maintenance University” (MU) for PXO/PCO 3M Training**
 - Meet twice/month in Norfolk
 - Agreed to incorporate CM Training into curriculum
 - MU will be developing a 3MC Course in near future
 - CNSL will brief MU at FLSIC 5 Mar 03
- **MU POCs: Bob Lindner, CNSL N432A/Andy LeBoeuf, AMSEC**

Recommend close Action

AI 18JUL02-01 Update (since 22 October ~~MAWG~~)

- Investigated SWOS Course in Newport, RI
 - Constrained by NETC/OPNAV N76 for adding new course material
- Many good 'Band-Aid' fixes in place
 - Real fix for Fleet Training will be the joint efforts made by the community...NETC lead with Fleet support!
 - Update, formalize and institutionalize 3M/CM Training
 - Need to QA course to ensure it meets Fleet needs

***Recommend close Action
Item***

AI 18JUL02-04

- SYSCOMs holding CDMs/ISEAs accountable
 - ISEA “Trusted Agent” concept and current status to be briefed at FLSIC 5 Mar 03
- Interim MAWG Oct 02, CFFC N412 - Standardization of RMMCO policy throughout regions (Fleet Lead)



Any
Questions?